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PTO/SB/08a (08-03)
Approved for filing 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT


(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	To Be Assigned 10/518,780
Filing Date	December 17, 2004
First Named Inventor	MATTHIAS BRUNNER
Art Unit	Unknown 2829
Examiner Name	Unknown Roberto Velez
Attorney Docket Number	ZIMR/0014

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
/RV/ 	A1	US-2002/0047838	04-25-2002	Yoshiro, et al.	
	A2	US- 2001/0052788	12-20-2001	Tomita	
	A3	US- 6,380,729	04-30-2002	Smith	
	A4	US- 6,340,963	01-22-2002	Anno, et al.	
	A5	US- 6,337,772	01-08-2002	Uehara, et al.	
	A6	US- 6,337,722	01-08-2002	Ha	
	A7	US- 6,320,568	11-20-2001	Zavacky	
	A8	US- 6,281,701	08-28-2001	Yang, et al.	
	A9	US- 6,265,889	07-24-2001	Tomita, et al.	
	A10	US- 5,936,687	08-10-1999	Lee	
	A11	US- 5,930,607	07-27-1999	Satou	
	A12	US- 5,774,100	06-30-1998	Aoki, et al.	
	A13	US- 5,657,139	08-12-1997	Hayashi	
	A14	US- 5,432,461	07-11-1995	Henley	
	A15	US- 5,081,687	01-14-1992	Henley, et al.	
	A16	US-			
	A17	US-			
	A18	US-			
	A19	US-			
	A20	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)					
<div>IRVI</div> <div>↓</div>	B1	DE 198 32 297		01-21-1999	Yamazaki, et al.		
	B2	EP 0 806 700		11-12-1997	Misawa, et al.		
	B3	EP 0 762 137		03-12-1997	Matsuhira, et al.		
	B4	EP 0 614 090		09-07-1994	Ichloka, et al.		
	B5	EP 0 523 594		01-20-1993	Brunner, et al.		
	B6	EP 0 523 584		01-20-1993	Nussel, et al.		
	B7	JP 08-289231 (Abstract Only)		11-01-1996	Tetsuya		
	B8	JP 2001-358189		12-26-2001	Seiki		
	B9	WO 98/31050		07-16-1998	Holmberg, et al.		

Examiner
Signature

/Roberto Velez/

Date
Considered

10/16/2007

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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet **2** of **2**

Complete if Known

Application Number	To Be Assigned 10/518,780
Filing Date	December 17, 2004
First Named Inventor	MATTHIAS BRUNNER
Art Unit	Unknown 2829
Examiner Name	Unknown Roberto Velez
Attorney Docket Number	ZIMR/0014

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/RV/	C1	German Office Action from German Application No. 102 27 332.4, dated 19 June 2002.	
/RV/	C2	PCT International Search Report from International Application PCT/EP03/06481, dated 05 December 2003.	
	C3		
	C4		
	C5		
	C6		
	C7		
	C8		
	C9		
	C10		
	C11		

Examiner Signature	/Roberto Velez/	Date Considered	10/16/2007
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 1

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		Number - Kind Code ² (if known)			
	A1				
	A2				
	A3				
	A4				
	A5				

FOREIGN PATENT DOCUMENTS

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	B1					
	B2					
	B3					
	B4					
	B5					
	B6					
	B7					
	B8					
	B9					

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/RV/	C1	PCT International Preliminary Examination Report, PCT/EP03/06481, Applicant AKT Electron Beam Technology GmbH, et al., 12/13/2004	
	C2		

Examiner
Signature

/Roberto Velez/

Date
Considered

10/16/2007

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 9

Application Number	10/518,780
Filing Date	DECEMBER 17, 2004
First Named Inventor	BRUNNER, ET AL.
Group Art Unit	UNKNOWN 2829
Examiner Name	UNKNOWN Roberto Velez
Attorney Docket Number	ZIMR/0014
Submission Date	MAY 10, 2005

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		Number-Kind Code ² (if known)			
/RV/	A1	US-3,983,401	09/28/1976	Livesay	
	A2	US-4,090,056	05/16/1978	Lockwood, et al.	
	A3	US-4,362,945	12/07/1982	Riecke	
	A4	US-4,437,044	03/13/1984	Veith	
	A5	US-4,495,966	01/29/1985	Longamore	
	A6	US-4,528,452	07/09/1985	Livesay	
	A7	US-4,532,423	07/30/1985	Tojo, et al.	
	A8	US-4,684,808	08/04/1987	Plies, et al.	
	A9	US-4,725,736	02/16/1988	Crewe	
	A10	US-4,740,705	04/26/1988	Crewe	
	A11	US-4,760,567	07/26/1988	Crewe	
	A12	US-4,761,607	08/02/1988	Shiragasawa, et al.	
	A13	US-4,764,818	08/16/1988	Crew	
	A14	US-4,795,912	01/03/1989	Maschke	
	A15	US-4,819,038	04/04/1989	Alt	
	A16	US-4,843,312	06/27/1989	Hartman, et al.	
	A17	US-4,862,075	08/29/1989	Choi, et al.	
	A18	US-4,870,357	09/26/1989	Young, et al.	

FOREIGN PATENT DOCUMENTS


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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
/RV/	B1	DE 3636316 (English translation)	05/02/1989	Hideo		X
	B2	EP 0 370 276 (English translation)	01/08/1991	Matthias, et al.		X
	B3	EP 0 402 499 (English translation)	09/03/1991	Matthias, et al.		X
	B4	EP 0 523 584 (English translation)	06/07/1994	Barbara, et al.		X
	B5	EP 0 523 594 (English translation)	12/07/1993	Matthias, et al.		X

Examiner /Roberto Velez/

Date Considered 10/16/2007

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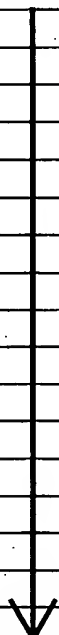
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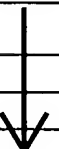
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Substitute for form 1449A/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/518,780
				Filing Date	DECEMBER 17, 2004
				First Named Inventor	BRUNNER, ET AL.
				Group Art Unit	UNKNOWN 2829
				Examiner Name	UNKNOWN Roberto Velez
				Attorney Docket Number	ZIMR/0014
				Submission Date	MAY 10, 2005
Sheet	2	of	9		

U.S. PATENT DOCUMENTS					
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		Number-Kind Code ² (if known)			
/RV/ 	A19	US-4,899,105	02/06/1990	Akiyama	
	A20	US-4,965,515	10/23/1990	Karasawa	
	A21	US-4,983,833	01/08/1991	Brunner, et al.	
	A22	US-4,985,676	01/15/1991	Karasawa	
	A23	US-4,985,681	01/15/1991	Brunner, et al.	
	A24	US-5,124,635	06/23/1992	Henley	
	A25	US-5,170,127	12/08/1992	Henley	
	A26	US-5,175,495	12/29/1992	Brahme, et al.	
	A27	US-5,177,437	01/05/1993	Henley	
	A28	US-5,258,706	11/02/1993	Brunner, et al.	
	A29	US-5,268,638	12/07/1993	Brunner, et al.	
	A30	US-5,278,494	01/11/1994	Obigane	
	A31	US-5,285,150	02/08/1994	Henley, et al.	
	A32	US-5,313,156	02/17/1994	Klug, et al.	
	A33	US-5,368,676	11/29/1994	Nagaseki, et al.	
	A34	US-5,369,359	11/29/1994	Schmitt	
	A35	US-5,371,459	12/06/1994	Brunner, et al.	
	A36	US-5,414,374	05/09/1995	Brunner, et al.	

FOREIGN PATENT DOCUMENTS						
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
/RV/ 	B6	EP 0 537 505 (English translation)	11/02/1993	Matthias, et al.		X
	B7	EP 0 542 094 (English translation)	11/29/1994	Reinhold		X
	B8	EP 0 932 182 (English abstract)	07/28/1999	Matthias, et al.		X
	B9	EP 0 999 573	05/10/2000	Feuerbaum, et al.		
	B10	EP 1 045 425	10/18/2000	Adamec		

Examiner /Roberto Velez/ Date Considered 10/16/2007

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Sheet 3 of 9

Application Number	10/518,780
Filing Date	DECEMBER 17, 2004
First Named Inventor	BRUNNER, ET AL.
Group Art Unit	UNKNOWN 2829
Examiner Name	UNKNOWN Roberto Velez
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		Number-Kind Code ² (if known)			
/RV/	A37	US-5,430,292	07/04/1995	Honjo, et al.	
	A38	US-5,504,438	04/02/1996	Henley	
	A39	US-5,528,158	06/19/1996	Sinsheimer, et al.	
	A40	US-5,530,370	06/25/1996	Langhof, et al.	
	A41	US-5,621,333	04/15/1997	Long, et al.	
	A42	US-5,644,245	07/01/1997	Saitoh, et al.	
	A43	US-5,558,717	09/24/1996	Zhao, et al.	
	A44	US-5,691,764	11/25/1997	Takekoshi, et al.	
	A45	US-5,742,173	04/21/1998	Nakagomi, et al.	
	A46	US-5,801,545	09/01/1998	Takekoshi, et al.	
	A47	US-5,801,764	09/01/1998	Koizumi, et al.	
	A48	US-5,834,007	11/10/1998	Kubota	
	A49	US-5,834,773	11/10/1998	Brunner, et al.	
	A50	US-5,892,224	04/06/1999	Nakasuji	
	A51	US-5,923,180	07/13/1999	Botka, et al.	
	A52	US-5,973,323	10/26/1999	Adler, et al.	
↓	A53	US-5,982,190	11/09/1999	Toro-Lira	
	A54	US-6,046,599	04/04/2000	Long, et al.	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
/RV/	B11	EP 1 045 426	10/18/2000	Adamec		
	B12	EP 1 233 274	08/21/2002	Kilbride, et al.		
	B13	JP 1 213944 (English abstract)	08/28/1989	Teruji		X
	B14	JP 1 307418 (English abstract)	07/09/1996	Masaaki		X
	B15	JP 11 264940 (English abstract)	09/28/1999	Shigehiro, et al.		X

Examiner /Roberto Velez/

Date Considered 10/16/2007

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 4

of 9

Application Number 10/518,780

Filing Date DECEMBER 17, 2004

First Named Inventor BRUNNER, ET AL.

Group Art Unit ~~UNKNOWN~~ 2829Examiner Name ~~UNKNOWN~~ Roberto Velez

Attorney Docket Number ZIMR/0014

Submission Date MAY 10, 2005

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/RV/	A55	US-6,075,245	06/13/2000	Toro-Lira	
	A56	US-6,086,362	07/11/2000	White, et al.	
	A57	US-6,137,303	10/24/2000	Deckert, et al.	
	A58	US-6,198,299	03/16/2001	Hollman	
	A59	US-6,288,561	09/11/2001	Leedy	
	A60	US-6,343,369	01/29/2002	Saunders, et al.	
	A61	US-6,362,013	03/26/2002	Yoshimura	
	A62	US-6,435,868	08/20/2002	White, et al.	
	A63	US-6,559,454	05/06/2003	Murrell, et al.	
	A64	US-6,566,897	05/20/2003	Lo, et al.	
	A65	US-6,570,553	05/27/2003	Hashimoto, et al.	
	A66	US-6,730,906	05/04/2004	Brunner, et al.	
	A67	US-6,765,203	07/20/2004	Abel	
	A68	US-6,777,675	08/17/2004	Parker, et al.	
	A69	US-6,828,587	12/07/2004	Yamazaki, et al.	
	A70	US-6,833,717	12/21/2004	Kurita, et al.	
	A71	US-2002/0024023	02/28/2002	Brunner, Matthias, et al.	
	A72	US-2002/0034886	03/21/2002	Kurita, Shinichi, et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
/RV/	B16	JP 2000 180392 (English abstract)	06/30/2000	Taketoshi		X
	B17	JP 2000 223057 (English abstract)	08/11/2000	Naomasa		X
	B18	JP 2000 268764 (English abstract)	09/29/2000	Naomasa, et al.		X
	B19	JP 2001 033408 (English abstract)	02/09/2001	Hiroshi		X
	B20	JP 2001 318116 (English abstract)	11/16/2001	Hideo		X

Examiner /Roberto Velez/

Date Considered 10/16/2007

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 5

of 9

Application Number	10/518,780
Filing Date	DECEMBER 17, 2004
First Named Inventor	BRUNNER, ET AL.
Group Art Unit	UNKNOWN 2829
Examiner Name	UNKNOWN Roberto Velez
Attorney Docket Number	ZIMR/0014
Submission Date	MAY 10, 2005

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/RV/	A73	US-2003/0218456	11/27/2003	Brunner, Matthias, et al.	
/RV/	A74	US-6,297,656	10/02/2001	Kobayashi, et al.	
	A75	US-			
	A76	US-			
	A77	US-			
	A78	US-			
	A79	US-			
	A80	US-			
	A81	US-			
	A82	US-			
	A83	US-			
	A84	US-			
	A85	US-			
	A86	US-			
	A87	US-			
	A88	US-			
	A89	US-			
	A90	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ⁴ -Number ⁵ -Kind Code ⁶ (if known)				
/RV/	B21	JP 2002 039976 (English abstract)	02/06/2002	Naomasa, et al.		X
↓	B22	JP 2002 048740 (English abstract)	02/15/2002	Naomasa, et al.		X
↓	B23	JP 2002 257997 (English abstract)	09/11/2002	Shigehiro, et al.		X
↓	B24	JP 2002 310959 (English abstract)	10/23/2002	Shigehior, et al.		X
↓	B25	JP 2002 343294 (English abstract)	11/29/2002	Kojin		X

Examiner

/Roberto Velez/

Date Considered

10/16/2007

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 6

of 9

Application Number

10/518,780

Filing Date

DECEMBER 17, 2004

First Named Inventor

BRUNNER, ET AL.

Group Art Unit

~~UNKNOWN~~ 2829

Examiner Name

~~UNKNOWN~~ Roberto Velez

Attorney Docket Number

ZIMR/0014

Submission Date

MAY 10, 2005

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A91	US-			
	A92	US-			
	A93	US-			
	A94	US-			
	A95	US-			
	A96	US-			
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	A98	US-			
	A99	US-			
	A100	US-			
	A101	US-			
	A102	US-			
	A103	US-			
	A104	US-			
	A105	US-			
	A106	US-			
	A107	US-			
	A108	US-			

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
/RV/	B26	JP 2004 014402 (English abstract)	01/15/2004	Tomomi		X
↓	B27	JP 6 167538 (English abstract)	06/14/1994	Henry		X
↓	B28	JP 60 039748 (English abstract)	03/01/1985	Etsuo, et al.		X
↓	B29	JP 63 088741 (English abstract)	04/19/1988	Naoaki		X
↓	B30	JP 63 088742 (English abstract)	04/19/1988	Teruji		X

Examiner

/Roberto Velez/

Date Considered

10/16/2007

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 7

of 9

Application Number

10/518,780

Filing Date

DECEMBER 17, 2004

First Named Inventor

BRUNNER, ET AL.

Group Art Unit

~~UNKNOWN~~ 2829

Examiner Name

~~UNKNOWN~~ Roberto Velez

Attorney Docket Number

ZIMR/0014

Submission Date

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U.S. PATENT DOCUMENTS

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	A110	US-			
	A111	US-			
	A112	US-			
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	A121	US-			
	A122	US-			
	A123	US-			
	A124	US-			
	A125	US-			
	A126	US-			

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
/RV/	B31	JP 63 166132 (English abstract)	07/09/1988	Naomasa		X
↓	B32	JP 63 318054 (English abstract)	12/26/1988	Naomasa		X
	B33	JP 7 302563 (English abstract)	11/14/1995	Shigehiro, et al.		X
	B34	JP 8 173418 (English abstract)	07/09/1996	Masaaki		X
	B35	WO 02/33745	04/25/2002	Dor, et al.		

Examiner

/Roberto Velez/

Date Considered

10/16/2007

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 8 of 9

Application Number	10/518,780
Filing Date	DECEMBER 17, 2004
First Named Inventor	BRUNNER, ET AL.
Group Art Unit	UNKNOWN 2829
Examiner Name	UNKNOWN Roberto Velez
Attorney Docket Number	ZIMR/0014
Submission Date	MAY 10, 2005

U.S. PATENT DOCUMENTS

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	A129	US-			
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	A139	US-			
	A140	US-			
	A141	US-			
	A142	US-			
	A143	US-			
	A144	US-			

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
/RV/	B36	WO 92/09900	06/11/1992	Henley, et al.		
/RV/	B37	WO 99/23684	05/14/1999	Adler, et al.		
/RV/	B38	WO 99/60614	11/25/1999	Lapidot		
	B39					
	B40					

Examiner /Roberto Velez/

Date Considered 10/16/2007

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Substitute for form 1449B/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/518,780		
		Filing Date	DECEMBER 17, 2004		
		First Named Inventor	BRUNNER, ET AL.		
		Group Art Unit	UNKNOWN 2829		
		Examiner Name	UNKNOWN Roberto Velez		
		Attorney Docket Number	ZIMR/0014		
Sheet	9	of	9	Submission Date	MAY 10, 2005

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/RV/	C1	Brunner, et al., "Development of Puma 5500/10K Platform", AKTNews, vol.5, January 2001, pg 13-14	
/RV/	C2	Brunner, M., "TFT Array Testing: Replacing Mechanics by Electron Beam Deflection", "AKTNews vol. 6, April 2001, pg 15-17	
/RV/	C3	Copy of Invitation to Pay Additional Fees dated October 21, 2003 for corresponding PCT application, PCT/US03/15903 (AMAT/7356/PCT)	
/RV/	C4	PCT International Search Report for PCT/US03/15903, dated January 16, 2004 (AMAT/7356PCT)	
/RV/	C5	USSN 10/903,216 (AMAT/8500.P2), filed July 30, 2004, Mathias Brunner, et al., "Configurable Proper For TFT LCD Array Test."	
/RV/	C6	PCT English Translation of International Preliminary Exam RPT for PCT/EP03/06481, dated March 10, 2005.	
/RV/	C7	KUMADA, et al., "Non-Contact Array testers." No Date	
/RV/	C8	European Search Report for EP 03 026 267.9, dated April 5, 2004.	
	C9		
	C10		
	C11		
	C12		

Examiner	/Roberto Velez/	Date Considered	10/16/2007
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